

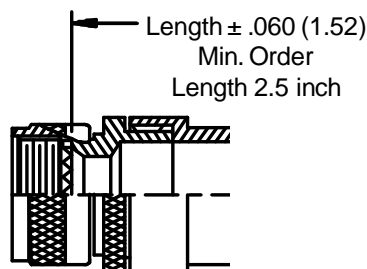
447-420

EMI/RFI Non-Environmental Band-in-a-Can Backshell

with QwikClamp Strain-Relief

Rotatable Coupling - Standard Profile

CONNECTOR DESIGNATORS A-F-H-L-S ROTATABLE COUPLING



**STYLE 2
(STRAIGHT
See Note 1)**

Product Series — 447 F S 420 NF 16 12-8 K P

Connector Designator —

Angle and Profile —
H = 45°
J = 90°
S = Straight

Basic Part No. —

Finish (Table II) —

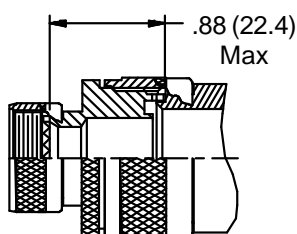
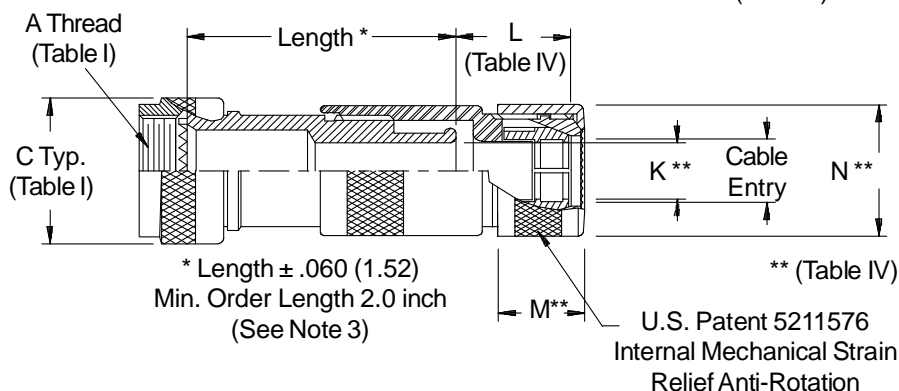
Polysulfide (Omit for none)

B = Band
K = Precoiled Band
(Omit for none)

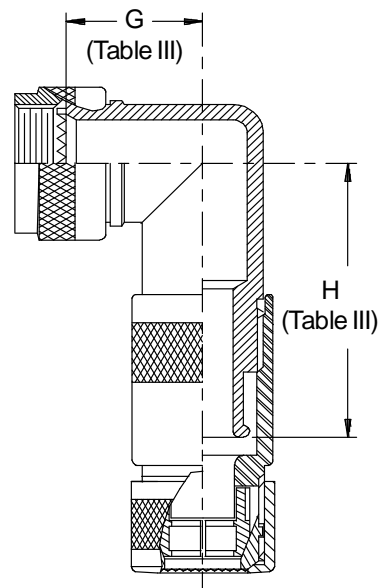
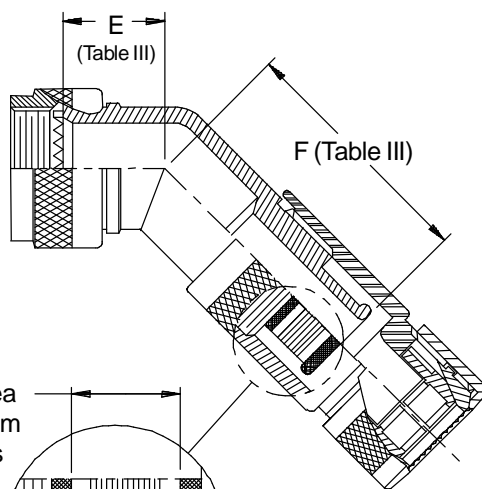
Length: S only
(1/2 inch increments,
e.g. 8 = 4.000 inches)

Cable Entry (Table IV)

Shell Size (Table I)



**STYLE 2
(45° & 90°
See Note 1)**



Termination Area
Free of Cadmium
Knurl or Ridges
Mfr's Option

Polysulfide Stripes
P Option

447-420
EMI/RFI Non-Environmental Band-in-a-Can Backshell
with QwikClamp Strain-Relief
Rotatable Coupling - Standard Profile



See inside back cover fold-out
or pages 13 and 14 for
Tables I and II.

TABLE III: ELBOW DIMENSIONS

Shell Size Conn. Desig.		E Max	F Max	G Max	H Max
A-F-L-S	H				
08	09	.639 (16.2)	1.380 (35.1)	.750 (19.1)	1.500 (38.1)
10	11	.664 (16.9)	1.410 (35.8)	.810 (20.6)	1.550 (39.4)
12	13	.688 (17.5)	1.430 (36.3)	.870 (22.1)	1.610 (40.9)
14	15	.705 (17.9)	1.460 (37.1)	.920 (23.4)	1.680 (42.7)
16	17	.732 (18.6)	1.480 (37.6)	.980 (24.9)	1.740 (44.2)
18	19	.748 (19.0)	1.490 (37.8)	1.020 (25.9)	1.760 (44.7)
20	21	.773 (19.6)	1.510 (38.4)	1.080 (27.4)	1.820 (46.2)
22	23	.800 (20.3)	1.550 (39.4)	1.140 (29.0)	1.900 (48.3)
24	25	.823 (20.9)	1.580 (40.1)	1.200 (30.5)	1.970 (50.0)

TABLE IV: CABLE ENTRY

Dash No.	Clamp Size (Ref)	K Dia	L Max	M Max	N Max	Cable Range	
						Min	Max
02	08	.125 (3.2)	.970 (24.6)	.530 (13.5)	.720 (18.3)	.100 (2.5)	.250 (6.4)
03	08	.188 (4.8)	.970 (24.6)	.530 (13.5)	.720 (18.3)	.098 (2.5)	.200 (5.1)
04	08	.250 (6.4)	.970 (24.6)	.530 (13.5)	.720 (18.3)	.098 (2.5)	.250 (6.4)
05	12	.312 (7.9)	1.110 (28.2)	.710 (18.0)	.910 (23.1)	.203 (5.2)	.375 (9.5)
06	12	.375 (9.5)	1.110 (28.2)	.710 (18.0)	.910 (23.1)	.203 (5.2)	.375 (9.5)
07	16	.438 (11.1)	1.210 (30.7)	.720 (18.3)	1.090 (27.7)	.328 (8.3)	.500 (12.7)
08	16	.500 (12.7)	1.210 (30.7)	.720 (18.3)	1.090 (27.7)	.328 (8.3)	.500 (12.7)
09	20	.562 (14.3)	1.210 (30.7)	.720 (18.3)	1.220 (31.0)	.452 (11.5)	.625 (15.9)
10	20	.625 (15.9)	1.210 (30.7)	.720 (18.3)	1.220 (31.0)	.452 (11.5)	.625 (15.9)
11	24	.688 (17.5)	1.210 (30.7)	.660 (16.8)	1.340 (34.0)	.515 (13.1)	.750 (19.1)
12	24	.750 (19.1)	1.360 (34.5)	.660 (16.8)	1.340 (34.0)	.515 (13.1)	.750 (19.1)
13	28	.812 (20.6)	1.360 (34.5)	.790 (20.1)	1.530 (38.9)	.640 (16.3)	.875 (22.2)
14	28	.875 (22.2)	1.510 (38.4)	.790 (20.1)	1.530 (38.9)	.640 (16.3)	.875 (22.2)
15	32	.938 (23.8)	1.510 (38.4)	.870 (22.1)	1.720 (43.7)	.765 (19.4)	1.000 (25.4)
16	32	1.000 (25.4)	1.510 (38.4)	.870 (22.1)	1.720 (43.7)	.765 (19.4)	1.000 (25.4)
17	36	1.062 (27.0)	1.510 (38.4)	.830 (21.1)	1.850 (47.0)	.859 (21.8)	1.125 (28.6)
18	36	1.125 (28.6)	1.510 (38.4)	.830 (21.1)	1.850 (47.0)	.859 (21.8)	1.125 (28.6)
20	40	1.250 (31.8)	1.510 (38.4)	.820 (20.8)	1.970 (50.0)	.984 (25.0)	1.250 (31.8)
22	44	1.375 (34.9)	1.510 (38.4)	.910 (23.1)	2.090 (53.1)	1.125 (28.6)	1.375 (34.9)
24	48	1.500 (38.1)	1.510 (38.4)	.900 (22.9)	2.280 (57.9)	1.250 (31.8)	1.500 (38.1)

1. When maximum cable entry (page 21) is exceeded, Style 2 will be supplied.
Dimensions E, F, G, and H will not apply. Please consult factory.
2. Metric dimensions (mm) are indicated in parentheses.
3. Consult factory for shorter lengths on straight backshells.
4. Backshells supplied with 600-052-* band, see Glenair Series 600 Tool Catalog for installation.

-445

Now Available
with the "NESTOR"

**Add "-445" to Specify
Glenair's Non-Detent,
Spring-Loaded, Self-
Locking Coupling. See
Page 41 for Details.**